

September 3, 2010

U.S. Environmental Protection Agency, Region 1  
Water Technical Unit (SEW)  
One Congress Street, Suite 1100  
Boston, Massachusetts 02114-8127

01021-100

**Subject: August 2010 NPDES Remediation General Permit Discharge Monitoring Report  
Authorization # MAG910117**

Dear Sir or Madam:

This report summarizes the August 2010 operation of the permanent water treatment system for the Phase I parking garage (Kendall Square Garage) at the Kendall Square Site (formerly the Cambridge Research Park Site), located in Cambridge, Massachusetts, operating under NPDES Remediation General Permit (RGP) Authorization # MAG910117. The treatment system discharges to the Broad Canal.

On October 21, 2008, USEPA Region 1 authorized a Notice of Change to reduce the discharge monitoring program at this site, and these changes were initiated with the November 2008 monitoring event. The revised program requires effluent sampling as follows:

- Monthly: pH, total residual chlorine (TRC), and instantaneous and total flow
- Quarterly: benzene and copper (total recoverable)
- Semiannually: ethyl benzene, toluene, and xylene

The August 2010 sampling event included the monthly and quarterly parameters. The water treatment system was sampled August 9, 2010, and the effluent results are reported on the enclosed Discharge Monitoring Report (DMR). All effluent results were below the requirements of the RGP Permit.

The instantaneous flow at the time of sampling was 44.5 gallons per minute and a total of 1,865,932 gallons of treated water was discharged from the Kendall Square Garage water treatment system during this month.

Regards,



Kevin Slein

cc: MADEP Northeast Regional Office (RTN 3-4570)  
J. Atkins - AECOM  
E. Walsh, MIRA Development  
S. DeLiddo, BioMed Realty



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME **BMR-350 E Kendall F LLC**

ADDRESS **Kendall Square Garage  
350 Kendall Street  
Cambridge, MA 02142**

Contact Telephone Number (978) 589-3000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

**MAG910117**

PERMIT NUMBER

**001**

DISCHARGE NUMBER

Form Approved.  
OMB No. 2040-0004  
Approval expires 05-31-98

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
10	08	01	10	08	31

FROM

TO

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

☐ Check here if No Discharge

NOTE: Read Instructions before completing this form

**CILITY OR DISCHARGE LOCATION: Kendall Square Garage EFFLUENT**

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Instantaneous Flow	REPORTED					44.5		gal/min	0	1/31	instant.
	PERMIT REQUIREMENT					monitor					
Total Flow	REPORTED					0.060		mgd	0	NA	NA
	PERMIT REQUIREMENT					monitor					
pH	REPORTED					6.96		su	0	1/31	grab
	PERMIT REQUIREMENT					6.5 - 8.3					
Total Residual Chlorine (TRC)	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					20					
Copper(total recoverable)	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					260					
Benzene	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					5					
Toluene	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					n/a					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

*Reg. Director*  
**Steln Kevin East Coast Facilities**

LAST FIRST MI Title

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

*[Signature]*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

858 207-5218

AREA CODE NUMBER YEAR MO DAY

DATE

10 09 22

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

New England Testing Laboratory, Inc. NS - Not sampled. Note: Beginning Nov. 2008, copper and benzene are sampled quarterly; ethyl benzene, toluene, and xylenes are sampled semiannually; and the rest of the parameters are sampled monthly.



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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Ethylbenzene	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					n/a					
(m,p,o)Xylenes(total)	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					n/a					
Total BTEX (calculated)	REPORTED					0		ug/L	0	1/31	grab
	PERMIT REQUIREMENT					100					
	REPORTED										
	PERMIT REQUIREMENT										
	REPORTED										
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*Regional Director*  
*Stem Kevin East Coast*  
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